

## SEQUENCE LISTING

<110> Huls, Christoph Gallert, Karl-Christian Korner, Christof Wahle, Elmar <120> Human deadenylating nuclease, its production and its use <130> 50186/003001 <140> US 09/674,067 <141> 2001-01-08 <150> PCT/EP99/03071 <151> 1999-05-05 <150> 198 22 122.3 <151> 1998-05-08 <160> 30 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 10 <212> PRT <213> Bos taurus <400> 1 Lys Ser Phe Asn Phe Tyr Val Phe Pro Lys 5 <210> 2 <211> 11 <212> PRT <213> Bos taurus Lys Pro Phe Asn Arg Ser Ser Pro Asp Val Lys 5 <210> 3 <211> 11 <212> PRT <213> Bos taurus <400> 3 Lys Pro Phe Asn Arg Ser Ser Pro Asp Lys Lys

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Gly Ile Ser Asp Gly Pro Ser Val Ser Ala Leu Thr Asn Gly Phe Asp
                            40
Thr Pro Glu Glu Arg Tyr Gln Lys Leu Lys Lys His Ser Met Asp Phe
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Leu Leu Phe Gln Phe Gly Leu Cys Thr Phe Lys Tyr Asp Tyr Thr Asp
Ser Lys Tyr Ile Thr Lys Ser Phe Asn Phe Tyr Val Phe Pro Lys Pro
Phe Asn Arg Ser Ser Pro Asp Val Lys Phe Val Cys Gln Ser Ser Ser
            100
                                105
Ile Asp Phe Leu Ala Ser Gln Gly Phe Asp Phe Asn Lys Val Phe Arg
                            120
Asn Gly Ile Pro Tyr Leu Asn Gln Glu Glu Glu Arg Gln Leu Arg Glu
                        135
Gln Tyr Asp Glu Lys Arg Ser Gln Ala Asn Gly Ala Gly Ala Leu Ser
                    150
                                        155
Tyr Val Ser Pro Asn Thr Ser Lys Cys Pro Val Thr Ile Pro Glu Asp
                                    170
Gln Lys Lys Phe Ile Asp Gln Val Val Glu Lys Ile Glu Asp Leu Leu
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Gln Ser Glu Glu Asn Lys Asn Leu Asp Leu Glu Pro Cys Thr Gly Phe
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Gln Arg Lys Leu Ile Tyr Gln Thr Leu Ser Trp Lys Tyr Pro Lys Gly

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Ile His Val Glu Thr Leu Glu Thr Glu Lys Lys Glu Arg Tyr Ile Val
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Ile Ser Lys Val Asp Glu Glu Glu Arg Lys Arg Arg Glu Gln Gln Lys
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                                    250
His Ala Lys Glu Glu Glu Leu Asn Asp Ala Val Gly Phe Ser Arg
                               265
Val Ile His Ala Ile Ala Asn Ser Gly Lys Leu Val Ile Gly His Asn
       275
                           280
Met Leu Leu Asp Val Met His Thr Val His Gln Phe Tyr Cys Pro Leu
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Pro Ala Asp Leu Ser Glu Phe Lys Glu Met Thr Thr Cys Val Phe Pro
                    310
                                        315
Arg Leu Leu Asp Thr Lys Leu Met Ala Ser Thr Gln Pro Phe Lys Asp
               325
                                    330
Ile Ile Asn Asn Thr Ser Leu Ala Glu Leu Glu Lys Arg Leu Lys Glu
                                345
Thr Pro Phe Asn Pro Pro Lys Val Glu Ser Ala Glu Gly Phe Pro Ser
                           360
Tyr Asp Thr Ala Ser Glu Gln Leu His Glu Ala Gly Tyr Asp Ala Tyr
                        375
                                            380
Ile Thr Gly Leu Cys Phe Ile Ser Met Ala Asn Tyr Leu Gly Ser Phe
                   390
                                        395
Leu Ser Pro Pro Lys Ile His Val Ser Ala Arg Ser Lys Leu Ile Glu
               405
                                    410
Pro Phe Asn Lys Leu Phe Leu Met Arg Val Met Asp Ile Pro Tyr
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Leu Asn Leu Glu Gly Pro Asp Leu Gln Pro Lys Arg Asp His Val Leu
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His Val Thr Phe Pro Lys Glu Trp Lys Thr Ser Asp Leu Tyr Gln Leu
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Phe Ser Ala Phe Gly Asn Ile Gln Ile Ser Trp Ile Asp Asp Thr Ser
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Ala Phe Val Ser Leu Ser Gln Pro Glu Gln Val Lys Ile Ala Val Asn
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Thr Ser Lys Tyr Ala Glu Ser Tyr Arg Ile Gln Thr Tyr Ala Glu Tyr
           500
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Met Gly Arg Lys Gln Glu Glu Lys Gln Ile Lys Arg Lys Trp Thr Glu
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Asp Ser Trp Lys Glu Ala Asp Ser Lys Arg Leu Asn Pro Gln Cys Ile
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Pro Ser Thr Val Gly Lys Arg Asn Leu Ser Pro Ser Gln Glu Glu Ala
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Gly Leu Glu Asp Gly Val Ser Gly Glu Ile Ser Asp Thr Glu Leu Glu
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Gln Thr Asp Ser Cys Ala Glu Pro Leu Ser Glu Gly Arg Lys Lys Ala
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